

### WHAT IS CLAIMED IS:

1. A memory card having a plurality of different interfaces, comprising:

a function module;

5 a controller coupled to the function module for accessing;

a first buffer coupled to the controller for sending a first control signal, the first buffer including a first resistor for providing a first voltage level; and

10 a second buffer coupled to the controller for sending a second control signal, the second buffer including a second resistor for providing a second voltage level,

wherein the memory card activates one of the interfaces for detecting the first voltage level of the first buffer when the memory card is inserted into a first card reader, and the first buffer is activated to send the first control signal if the detection of the first voltage level of the first buffer is positive; or the memory card activates another interface for detecting the second voltage level of the second buffer when the memory card is inserted into a second card reader, and the second buffer is activated to send the second control signal if the detection of the second voltage level of the second buffer is positive.

2. The memory card as claimed in claim 1, wherein the one of the interfaces is for a SD card.

3. The memory card as claimed in claim 1, wherein the first voltage level is a high voltage level.

25 4. The memory card as claimed in claim 1, wherein the first control signal is a CMD signal.

5. The memory card as claimed in claim 1, wherein the another interface is for a MS card.

6. The memory card as claimed in claim 1, wherein the second voltage level is a lower voltage level.

7. The memory card as claimed in claim 1, wherein the second control signal is a BS signal.